

# Safety Data Sheet

## HEAVY-DUTY CLEANER AND WINTER RINSE

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	<b>BIG BLUE</b>
<b>Other Identification</b>	4416004-4416020
<b>Recommended Use</b>	Concentrated Liquid Degreaser for hard surfaces.
<b>Restrictions on Use</b>	All other uses than those indicated on the product label and technical data sheet.
<b>Supplier Identifier</b>	TANSHAW SANITATION INC, 15 Clark St., Welland , ON, L3B 5W6, Tel.: (905) 732-0096 Fax: (905) 732-0686
<b>Emergency Phone No.</b>	Quebec Poison Control Centre (24 hours service) Quebec, (800) 463-5060 (no charge) All other places, (418) 656-8090, CANUTEC, (613) 996-6666 (collect)

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin corrosion - Category 1; Serious eye damage - Category 1

#### Label Elements



Signal Word:  
Danger

#### Hazard Statement(s):

H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

#### Precautionary Statement(s):

P260 Do not breathe dusts or mists.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363 Wash contaminated clothing before reuse.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P310 Immediately call a POISON CENTRE or doctor.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

#### Other Hazards

Not applicable.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5	Information not available	Information not available

#### Notes

Concentrations are expressed in % weight/weight.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

##### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice or attention.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

##### Ingestion

Rinse mouth with water. Immediately call a Poison Centre or doctor. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

#### Most Important Symptoms and Effects, Acute and Delayed

Causes severe skin burns and eye damage.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire. CO2, extinguishing powder or water spray.

#### Specific Hazards Arising from the Product

In the presence of fire, promptly isolate the scene by removing all persons located near the scene of the accident. Take no action involving any personal risk or without suitable training.

#### Special Protective Equipment and Precautions for Fire-fighters

It is imperative that firefighters wear protective equipment and a suitable respirator equipped with a mask full-face positive pressure.

Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials. Take no action involving any personal risk or without suitable training. Do not touch or walk through spilled material.

### Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and Materials for Containment and Cleaning Up

Stop the leak if this involves no risk. Spread containers from the area spill. Approach fumes in the same direction as the wind. Prevent entry into sewers, waterways, basements or areas confined. Eliminate spills at an effluent treatment plant or proceed as follows. Contain leaks and collect them with materials non-combustible absorbents such as sand, earth, vermiculite, earth diatoms. Then place them in a container for disposal in accordance with local regulations. Eliminate through a licensed specialty company. Contaminated absorbent material may pose the same hazard as the spilled material. Note: See Section 1 for emergency information and see Section 13 for waste disposal.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing the product. Keep out the reach of children. Use only in a well ventilated area. Wear appropriate respirator when ventilation is inadequate. Handle with care.

### Conditions for Safe Storage

Store in an airtight container in a dry, well ventilated place. Refer to SRST and NFC Standards for Storage. Keep away from combustible materials and acids. If the product is stored with other hazardous substances, refer to the NFC segregation table. Containers must be kept closed, clearly marked with their contents and handled with care.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV 2012

OSHA PEL 2012

AIHA WEEL 2011.

### Appropriate Engineering Controls

The purpose of the Health and Safety Act is to eliminate hazards at the source. Where engineering controls and changes in working procedures are not sufficient to reduce exposure to this substance, the use of personal protective equipment may be necessary. These protective equipment must comply with the regulations.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear skin protective equipment. The selection of such equipment depends on the nature of the work to be performed.

#### Respiratory Protection

Wear appropriate respirator when ventilation is inadequate.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Transparent blue liquid.
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	> 13.0
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.0 - 1.1
<b>Solubility</b>	Very soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Under normal conditions of storage and use, hazardous reactions will not occur.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Keep away from freezing and excessive heat.

### Incompatible Materials

Acids.

### Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Tetrasodium ethylenediaminetetraacetate		3030 mg/kg (rat)	> 5000 mg/kg (rabbit)

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**Skin Corrosion/Irritation**

Causes severe skin burns.

**Serious Eye Damage/Irritation**

Causes serious eye damage.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

The inhalation of droplets suspended in the air or aerosols may cause irritation of the respiratory tract.

**Ingestion**

May cause burns to mouth, throat and stomach.

**Respiratory and/or Skin Sensitization**

Not a respiratory sensitizer. Not a skin sensitizer.

**Carcinogenicity**

The data do not allow an adequate assessment of the carcinogenic effect.

**Reproductive Toxicity****Development of Offspring**

No data on teratogenic effects have been found.

**Sexual Function and Fertility**

No data on reproductive effects have been found.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No known significant effects or critical hazards.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

It is important to minimize or avoid the generation of waste wherever possible. Disposal of this product and solutions must always respect the provisions of the law on environmental protection and waste disposal and must remain in compliance with the requirements of local laws and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult local or regional authorities.

**SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	UN1760	CORROSIVE LIQUID N.S.A. (Sodium Hydroxide solution)	8	III

**Special Precautions** Please note: Limited quantity when 5L or less.

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## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS 1988 Classification

E - Corrosive

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

**Date of Preparation** septembre 10, 2018

**Disclaimer** Notice to reader and user : The information contained in this document is accurate to the best of our knowledge. however, the above named supplier assumes any liability whatsoever with respect to the accuracy of the informatoin contained in this document. The finl determination ond suitability of any material or product is the sole responsibility of the user. All materials may pose risk and should be used whith caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist .

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